CLAIMS

1. A location-sensitive engine control system for use with an internal combustion engine, the system comprising:

a position locating system interfacing with control logic that further interfaces with an engine control;

the position locating system determining location coordinates for the engine and relaying the coordinates to the control logic;

the control logic having an emissions map and comparing the coordinates to the map to determine corresponding emissions regulations which are converted to corresponding engine control settings that are relayed to the engine control; and

the engine control adjusts the engine control settings to alter the engine operating parameters to comply with the emissions regulations.

2. A system as in claim 1 wherein the control logic stores emissions data as an emissions log.

3. A system as in claim 2 including an antenna connected to the control logic for transmitting emissions log information.

4. A system as in claim 1 including an antenna connected to the control logic for receiving emissions map updates.

5. A method of controlling engine emissions comprising the steps of:

providing an engine emission control system including position locating system interfacing with control logic and the control logic that further interfaces with an engine control;

determining location coordinates with the position locating system and relaying the location coordinates to the control logic;

comparing the location coordinates to an emissions regulation map in the control logic to determine emission requirements, converting the requirements to engine control settings;

relaying the control settings to the engine control; and

varying the control settings with the engine control to comply with the emissions requirements.

6. A method as in claim 5 including recording emissions output over time and location to create an emissions log..

7. A method as in claim 6 including transmitting the emissions log information.

8. A method as in claim 7 wherein the emissions log information is transmitted to determine tax liability.

9. A method as in claim 5 including receiving control logic emissions map information to update the emissions map.

10. A method as in claim 5 including uploading control logic emissions map information to update the emissions map.

11. A method as in claim 5 wherein engine emissions are varied by altering engine fuel injection timing.

12. A method as in claim 5 wherein engine emissions are varied by altering spark ignition timing.

13. A method as in claim 5 wherein engine emissions are varied by altering valve timing.